~~1 or 2 Dks., R.Q.Dk., and Pt. Awng. Dk.~~

~~IRON OR~~ STEEL STEAMER.

No. 17317

State if Report is also sent on the Machinery of the Vessel Yes

Received at London Office 11 NOV 1905

Date of completion of Report 9th November 1905. Port of Hull.

Date, First Survey June 28th 1905 Last Survey November 8th 1905

Survey held at Selby

On the Steam Trawler "PELICAN." Rig Ketch

TONNAGE under Tonnage Deck	190.36
Do. of Poop	
Do. of Raised Qr. Dk. or Break	11.61
Do. of Bridge House	
Do. of Forecastle Break	2.13
Do. of Houses on Deck	.59
Do. of excess of Hatchways	
Do. above Crown of Engine Room	
Gross Tonnage	204.69
Less Crew Space	26.89
Less above Crown of Engine Room	
TONNAGE FOR FEES	177.80
Less Engine Room	99.73
Less Navigation Spaces	5.39
Register Tonnage *as cut on Beam*	92.68

ONE ~~OR TWO~~ DECKED VESSEL.

CLASS ✠ 100 A1. "Steam Trawler."

	FEET.
Half Breadth *(moulded)*	10.40
Depth *from upper part of Keel to top of Main Deck Bms.* (with the normal round up of beam)	12.54
Girth *of Half Midship Frame (as per Rule)*	18.58
1st Number	41.82
Length *on deck from after part of stem to fore part of stern post*	112.79
2nd Number	4716
Proportions—*Breadths to Length*	5.2
Depths to Length—Main Deck to top of Keel	8.9

Destined Voyage Fishing If Surveyed while Building, and Afloat, ~~or in Dry Dock~~ Yes.

Master ✓

Year of appointment (1) *As master in service of owner of present vessel:*—19 (2) *As master of this vessel* 19

Built at Selby.

When built 1905 Launched 16th September.

By whom built Cochrane & Sons.

Owners Cleethorpes Steam Trawling Co. Ld.

Managers (Where necessary to be entered in Reg. Book).

Residence Grimsby

Port belonging to Grimsby.

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck as per Rule	112	9½	**BREADTH**—Moulded	21	4½	**DEPTH, ACTUAL**—Top of Floors to top of Main Deck Beams	11	3	No. of Decks with Flat laid One No. of Tiers of Beams One

Dimensions of Ship per Register, Length, 114-0 breadth, 21-6 depth, 11.27. Moulded Depth, 12 ft. 0 ins. Round of Beam, Actual 7 ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	16ths ~~or 20ths~~ in Ship.	Inches per Rule Or as	Inches per Rule Approved	16ths ~~or 20ths~~ per Rule ved.
FRAME, Angles, ~~T, L or L Bars~~, for ⅜ length amidships	3	2½	6	3	2½	6
Do. for ⅛ at each end	3	2½	6	3	2½	6
Do. in way of Double Bottoms at Solid Floors		✓				
,, ,, at intermdt. Bkts.		✓				
Spacing of Frames from centre to centre		20			20	
REVERSED FRAME, Angles	2½	2½	5	2½	2½	5
DEEP FRAMING, depth of girder		✓				
FLOORS, depth and thickness of Floor Plate at mid-line for ⅜ length amidships	16		7	16		7
,, in way of Engines and Boilers			8			8
,, thickness at the ends of vessel			6			6
,, depth at ¾ the half breadth, as per Rule	Straight-			across		
,, height extended at the Bilges		Ae		plan		
FLOORS & BRACKETS, in **Cell Dble Bottoms**		✓				
,, ,, state if flanged (top & bottom)		✓				
,, ,, Spacing		✓				
CENTRE GIRDER, in Double Bottom, depth and thickness		✓				
,, ,, Angles, Top		✓				
,, ,, ,, Bottom		✓				
SIDE GIRDERS, number on each side & thickness		✓				
,, ,, state if flanged (top & bottom)		✓				
,, Angles		✓				
MARGIN PLATE, depth (exclusive of flange) and thickness		✓				
,, Angles to Outside Plating		✓				
,, ,, Floors		✓				
,, Height of Floors at the Bilges		✓				
INNER BOTTOM PLATING, breadth and thickness of **Middle Line Strake**		✓				
,, ,, thickness in Engine and Boiler space		✓				
,, ,, ,, Remainder in Holds		✓				
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	8	5	3	8
,, Angles on Upper Edge		✓				
,, Spacing		40			40	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		✓				
,, Angles on Upper Edge		✓				
,, Spacing		✓				
BEAMS, Hold, Plate or Tee Bulb		✓				
,, Angles on Upper Edge		✓				
,, Spacing		✓				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb		✓				
,, Angles on Upper Edge		✓				
,, Spacing		✓				
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb		✓				
,, Angles on Upper Edge		✓				
,, Spacing		✓				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	8	5	3	8
,, Angles on Upper Edge		✓				
,, Spacing		40			40	
PILLARS, In 'tween Decks, Size and Spacing		✓				
,, ,, **Hold** ,, ,,	2½	as arranged				
,, **Quarter, 'tween Dks.,** ,, ,,		✓				
,, ,, **in Hold** ,, ,,		✓				
WEB FRAMES, In Fore Body, No. and Spacing		✓				
,, ,, ,, Brdth. & Thickness		✓				
,, No. of Side Stringers ,, ,,		✓				
WEB FRAMES, In E. & B. Space, No. & Spacing		✓				
,, ,, ,, Brdth. & Thickness		✓				
WEB FRAMES, In After Body, No. and Spacing		✓				
,, ,, ,, Brdth. & Thickness		✓				
,, No. of Side Stringers ,, ,,		✓				
,, Size of Angles or Tee Bars to **Web Frames**		✓				
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness		✓				

FORGINGS ~~AND CASTINGS.~~

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar ~~or Side Plates~~ depth and thickness	8 x 2	8 x 2
STEM, moulding and thickness	8 x 2	8 x 2
STERN-POST for Rudder do. do.	6½ x 2½	6½ x 2½
,, for Propeller		
MAIN PIECE of **Rudder,** diameter at head	4½	4½
do. at heel	3 x 2¾	3 x 2¾

RUDDER, how constructed Forged iron frame. Plated.

Can the Rudder be unshipped afloat? Yes

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	16ths ~~or 20ths~~ in Ship.	Inches per Rule Or as	Inches per Rule as Approved	16ths ~~or 20ths~~ per Rule ved.
CENTRE LINE KEELSON, Vertical Plate above floors, ~~Through Plate, or Intercostal Plate~~ Bulb	7½		7	7½		7
,, Rider Plate		✓				
,, Bulb Plate to Intercostal Keelson		✓				
,, Horizontal Plates on Floors		✓				
,, Angles	4	3	8	4	3	8
SIDE KEELSON, Angles		✓				
,, Bulb or Plate above floors for ____ lng.		✓				
,, Intercostal Plate for ____ length		✓				
,, Attached to outside plating with Angle		✓				
BILGE KEELSON, Angles	3	3	6	3	3	6
,, Bulb or Plate above floors for ____ lng.		✓				
,, Intercostal Plate for ____ length		✓				
,, Attached to outside plating with Angle		✓				
BILGE STRINGER Angles		✓				
,, Bulb Plate for ____ length		✓				
,, Intercostal Plate for ____ length		✓				
,, Attached to outside plating with Angle		✓				
SIDE STRINGER Angles	3	3	6	3	3	6
,, Bulb or Intercostal Plate for ____ lng.		✓				
,, Attached to outside plating with Angle		✓				
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	50		6	50		6
,, Angle on ditto	3 x 3		6	3 x 3		6
,, Tie Plates, outside Hatchways	8		6	8		6
,, Diagonal Tie Plates on Bms., No. of Pairs	✓					
,, Main Dk* Iron or Steel for ____ lng.	✓					
,, R. Q. Dk* ~~Iron or~~ Steel for ____ lng.			7/20			7/20
,, Wood Deck, Material & thickness P. Pine	3			3		
Lower Deck Stringer Plate, breadth and thickness	✓					
,, Angles on ditto, No.	✓					
,, Tie Plates, outside Hatchways	✓					
,, Deck* Material and thickness	✓					
Hold Stringer Plate	✓					
,, Angles on ditto, No.	✓					
Poop Deck Stringer Plate, breadth & thickness	✓					
,, Angle on ditto	✓					
,, Tie Plates	✓					
,, Deck, Material and thickness	✓					
Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness	✓					
,, Angle on ditto	✓					
,, Tie Plates	✓					
,, Deck, Material and thickness	✓					
Forecastle Deck Stringer Plate, brdth & thckns			5			5
,, Angle on ditto	3 x 3		6	3 x 3		6
,, ~~Tie Plates~~ Deck plated over			5-4			5-4
,, Deck, Material and thickness P. Pine	3			3		

* *If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.*

BULKHEADS.

	Number. In Vessel.	Number. Per Rule.	Thickness. 16ths ~~or 20ths~~	STIFFENERS. Horizontal. Size. Inches.	Horizontal. Spacing Inches.	Vertical. Size. Inches.	Vertical. Spacing Inches.	Single or Double Frames.	Height up.
W.T. BULKHEADS	4	4	5	3 x 2½ x 6/16			48 30	Dble	Dk.
PARTITION ,,	✓								
LONGITUDINAL ,,	✓								

Are the outside Plates doubled two spaces of Frames in length? Diamond plates fitted

Are the ~~Sluice Valves and Watertight Doors~~ in efficient working order? None.

PLATING.

STRAKES.	AS IN SHIP. AMIDSHIP. Breadth. Inches	AMIDSHIP. Thickness. 16ths	FORWARD. Thickness. 16ths	AFT. Thickness. 16ths	PER RULE OR AS APPROVED. AMIDSHIP. Breadth. Inches.	AMIDSHIP. Thickness. 16ths
FLAT PLATE KEEL (If Bar Keel, state Rivetting)						
GARBOARD or A Strake	32	8	7	7	32	8
B "		7	6	6		7
C "		7	6	6		7
D "		7	6	6		7
E "		7	6	6		7
F "		7	6	6		7
Shun G "	31	8	7	7	31	8
H "						
J "						
K "						
L "						
M "						
N "						
O "						
P "						
DOUBLING of Flat Plate Keel	✓					
Length and thickness of Bilges	✓					
of Sheerstrakes	✓					
of Strake below	✓					
POOP SIDES	✓					
RAISED QUARTER DK. SIDES		8		7		
BRIDGE SIDES	✓					
FORECASTLE SIDES			7			
LENGTHS OF PLATING	Seven frame spaces.					

Write "Sheer Strake" opposite its corresponding letter.

RIVETING.

LOWER EDGES. Ordinary ~~or Joggled~~? Single or Double.	Breadth of Lap. Inches.	RIVETS. Diam. Inches.	RIVETS. Spacing cr. to cr. Inches.
		1	5
Double	4½	¾	3⅓
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"

BUTTS. Double or Treble and for what Length.	RIVETS. Diam. Inches.	RIVETS. Spacing cr. to cr. Inches.	STRAPS. Breadth. Inches.	STRAPS. Thickness. 16ths.	IF LAPPED. Breadth. Inches.	IF LAPPED. For what Length. Feet.
Double Full L	¾	2⅝	9¾	9	5	Full
" " "	"	"	"	"	"	"
" " "	"	"	"	"	"	"
" " "	"	"	"	"	"	"
" " "	"	"	"	"	"	"
" " "	"	"	9¾	8		
" " "	"	"	"	9		

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c.? Mild Steel.
South Durham S. & I. Co. Frodingham, Constte.

Has the Steel been tested as required by the Rules Yes

Main Stringer Plate Butts, ~~treble~~ Double riveted for Full length ~~amidships~~.
Straps, ~~single, double or~~ overlapped for Full length ~~amidship~~.
Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? T. & D.
Inner Bottom Plating, riveting of **Edges** ✓ **Butts** ✓
Centre Girder Butts, ✓ riveted. **Keelson Butts,** Double riveted.
Frames, riveted through Plates with ¾ in. Rivets, about 5 apart.
Rivets, state whether of Iron or Steel Iron

FRAMES extend in one length from Keel to gunwale. state if ordinary or joggled Ordinary
REVERSED FRAMES on floors and frames extend from centre to hold stringer and deck all. state if ordinary or joggled Ordinary

MASTS, SPARS, &c.

	Material.	Total length.	Diameter and Thickness. At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles. Number.	Size.	Riveting. Seams.	Butts.
Lower Masts.... Fore											
Main											
Mizen	P. Pine	29.0	12								
Bowsprit ✓											

Topmasts, ~~Yards and~~ Remainder of **Spars** Pitch pine.
Rigging, Material and Size, **Shrouds** Galv. wire. 3½, 2½ **Stays** 3½, 2
Sails. One Suit of Sails and the following spare sails ✓

Equipment No. 4716 Letter ✓. ~~Tonnage U.Dk. or~~ Plating No. for Trawlers 4716

ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex Stock Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	Cwts.	qrs.	lbs.	Weight Required by Table 22. Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
54763	1st Bower ..	5	0	20	1	1	9	7	11	3	14	5	0	0	Rodgers	R. Isaac	L.P.H. Methuen 29.9.05
54764	2nd " ..	4	3	6	1	0	18	7	5	0	0	4	2	0	"	"	"
54762	3rd " ..	2	2	4	—	3	7	5	2	2	0	2	2	0	"	"	"
	Collective weight																
	Stream	✓															
	Kedge	✓															

If Patent state Name of Patentee. If Stockless, state Weight of Trots.

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cables. Supplied. Cwts. qrs. lbs.	Per Table 22. Cwts. qrs. lbs.	Length & Size per Table 22. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested and Superintendent.
140	90	1	18	27	45.3.15	45.3.17	90	1	Stud Link	R. Isaac	L.P.H. Cuddy Hartle 13.9.05 J.H. Dudley. Insp.
Iron Stream Chain or Steel Wire.....	✓										

HAWSERS AND WARPS.

Material.	Length and Size supplied. Length. Fathoms.	Cir. Ins.	Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 22. Length. Fathoms.	Cir. Ins.
TOWLINE					
HAWSERS & WARPS Manilla	60	5½		60	5½
" "	60	4		60	4

Boats One.
Pumps, Number Three. Diameter of Barrel 6" 4 State whether they are in efficient working order Yes
Windlass is by Cochrane & Sons, **Capstan** ✓
Engine Room Skylights.—How constructed? Teak.
What arrangements for deadlights in bad weather? Teak flaps and bullseyes.
Coal Bunker Openings.—How constructed? Cast iron rings. How are lids secured? Plates and angles and battened down and screwed Height above deck? 9" and flush
Number of **Scuppers,** and number and dimensions of **Freeing Ports, &c.** One each side, 6 Scuppers, 3 freeing ports 18" × 9".
Ceiling in Holds, thickness and material 2" pine. **Cargo Battens,** thickness and material ✓
Cargo Hatchways.—How formed? Plates and angles **Hatches.**—If strong and efficient? Yes.
State size **No. 1 Hatch** (Forward) 5'-4" × 3'-4". **No. 2 Hatch** 3'-6" × 3'-4". **No. 3 Hatch** 3'-6" × 3'-4". **No. 4 Hatch** ✓
Number of **Web Plates, Shifting Beams,** and **Fore** and **Afters** to each Hatch ✓
No. of Breasthooks Four. **No. of Crutches** 1 + dup floors.
Bulwarks, height above deck and description 2'-6" + 6.5/16". Main Rail and Stays, material and size 6½ × 3 × 5/20 Steel B.A.

The above is a correct description.
Builder's Signature (here only). Co Chrane & Sons
Surveyor's Signature Allison B. Wilson.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Rpt. 1A.

Correspondence.—State dates and initials of letters respecting this case (*References should be made to any correspondence connected with the case*) M. 31-5-05

Workmanship. Are the butts of plating planed or otherwise fitted? Planed
Is the riveted work properly closed? Yes
Are the liners between the frames and plates solid single pieces? Yes Do the holes for riveting plate to frames, butt straps, or plate to plate, &c, conform well to each other? Yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes Do any rivets break into or through the seams or butts of the plating? A few.
Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes
Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? Trawler State results of tests ✓
Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? Trawler State results of tests ✓
General Remarks (State quality of workmanship, &c.) Workmanship good.
This vessel has been built in accordance with the approved plans, the Scantlings letters of the above date, and in general conformity to the Rules for the class contemplated.

Accompanying this Report. Plans of Midship Section, Profile and Decks, and Report on Ships Forgings.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. or Break 64.0 ft., Bridge Dk. ✓ ft., F'castle 19.0 ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated ✓
No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (*this information is to be given as it should appear in the Register Book*) 1 Dk.
Official No. ; Signal Letters ✓. State if Machinery is fitted aft Yes
How are the surfaces preserved from oxidation? Inside Portland Cement and Paint. Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors ✓

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank,	✓	
Double bottom, under Engines and Boilers,	✓		After peak tank,	✓	
Double bottom, if under Engines only,	✓		Deep tank, aft	✓	
Double bottom, if under Boilers only,	✓		Deep tank, forward	✓	
Double bottom, forward,	✓		Other tanks, if fitted,	✓	
Total capacity	✓		(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules ✓

Order for Special Survey No. 1505 Date 2/6/05 No. 349 in builder's yard.
Dates of Surveys held while building: 1905.- June 28.30 July 12.17.22. Aug 1.4.11.15.18.25. Sept 1.7.12.15.25 Sept 29 Oct. 10.13.23. Nov 2.8
Total No. of Visits 22

The amount of Entry Fee .....£ 1 : . : .
Special.....£ 8 : 18 : .
Travelling Expenses, if any £ . : 18 : 3
Fees applied for, 1905
Received by me, 13/11/1905 14/11/05
Certificate to be sent to Hull,
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed ✠ 100 A1 "Steam Trawler"
With, or without Freeboard, as condition of Class Without.
Allison B. Wilson.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUES. 14 NOV 1905
Character assigned 100 A1 Stm Trawler
Lloyds A & P W + Lmb 11.05

The Surveyors are requested not to write on or below the Committee's Minute.